

**REMARKS**

This Amendment filed in response to the Non-Final Office Action dated June 1, 2007, is believed to be fully responsive to the objections and rejections raised therein. Accordingly, favorable reconsideration on the merits is respectfully requested.

Claims 1-5 and 10 have been canceled without prejudice.

In the present Amendment, claims 6 and 11 been amended to improve it form. Claim 6 has also been amended to incorporate the subject matter of claim 10.

Support for the recitation “polyol (a2) having a number average molecular weight of from 500 to 10,000 and a carbonate skeleton” can be found in the specification at paragraphs [0019] and [0029], for example.

Support for the recitation “the glycol containing a carboxyl group (a3) has a number average molecular weight of 162.18 or lower” can be found in Applicants’ specification at paragraph [0030], for example.

Further, support for “isocyanurate” can be found in the specification at paragraphs [0031] and [0032], for example.

No new matter has been added. Entry of the Amendment is respectfully requested. Upon entry of the Amendment, claims 6-9 and 11 will be all the claims pending in the application.

**I. Response to Rejection Under 35 U.S.C. § 112, Second Paragraph**

Claims 6-11 are rejected under 35 U.S.C. § 112, 2<sup>nd</sup> paragraph as allegedly being indefinite.

Applicants’ respectfully traverse the rejection. Without acquiescing the merits of the rejection, Applicants have amended claim 6 by deleting the phrases “high molecular weight” and

“low molecular weight” and inserting molecular weight ranges. Support for the amendment can be found in Applicants’ specification at paragraphs [0019] and [0030]. In view of the amendment, Applicants respectfully request withdrawal of the rejection.

**II. Response to Rejection Under 35 U.S.C. § 103(a)**

Claims 6-11 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent 4,501,852 to Markusch et al. (“Markusch et al.”).

Applicants traverse the rejection. Claim 6 has been amended to further define polyol (a2) having an average molecular weight from 500 to 10,000 and a carbonate skeleton. Also, claim 6 has been amended to further define glycol containing a carboxyl group (a3) as having an average molecular weight of 162.18 or lower.

Furthermore, Markusch et al. teaches that organic diisocyanates represented by the general formula R(NCO)<sub>2</sub> are suitable polyisocyanates used in the preparation, but Markusch et al. does not teach a trifunctional polyisocyanate, such as an isocyanurate, as recited in amended claim 6. In light of the amendment Applicants respectfully request withdrawal of the rejection.

Additionally, Applicants respectfully submit a Rule 132 Declaration showing that unexpected superior results were obtained in favor of the trifunctional isocyanates, such as isocyanurate, in a comparative experiment between the present invention and the bifunctional isocyanate disclosed in Markusch et al. The comparative experiment was based on Example 4 of the present specification wherein the trifunctional nonionic isocyanate is replaced with a bifunctional isocyanate.

Accordingly, in view of the amendments to claims 6 and 11 and evidence unexpected superior results provided in the Rule 132 Declaration, concurrently submitted herewith,

Applicants respectfully submit that claim 6 distinguishes over Markusch et al. Claims 7-9 and 11 depend from claim 6 and is patentable over Markusch et al. for at the all the above-mentioned reasons. Withdrawal of the rejection of claims 6-9 and 11 is respectfully requested.

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